

Preparation of 1- α -hydroxy vitamin D₅ from Stigmasterol

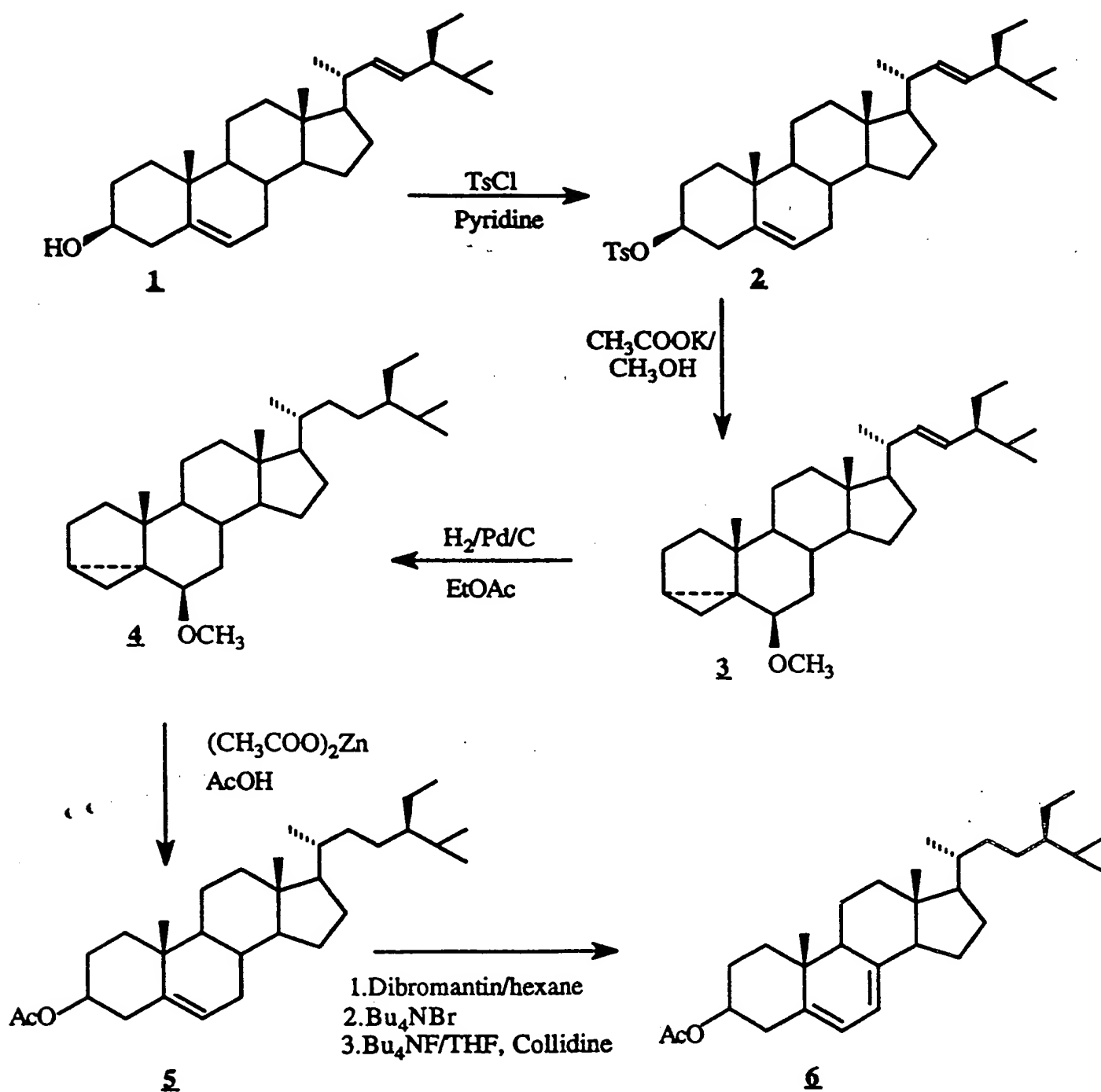


Figure 1

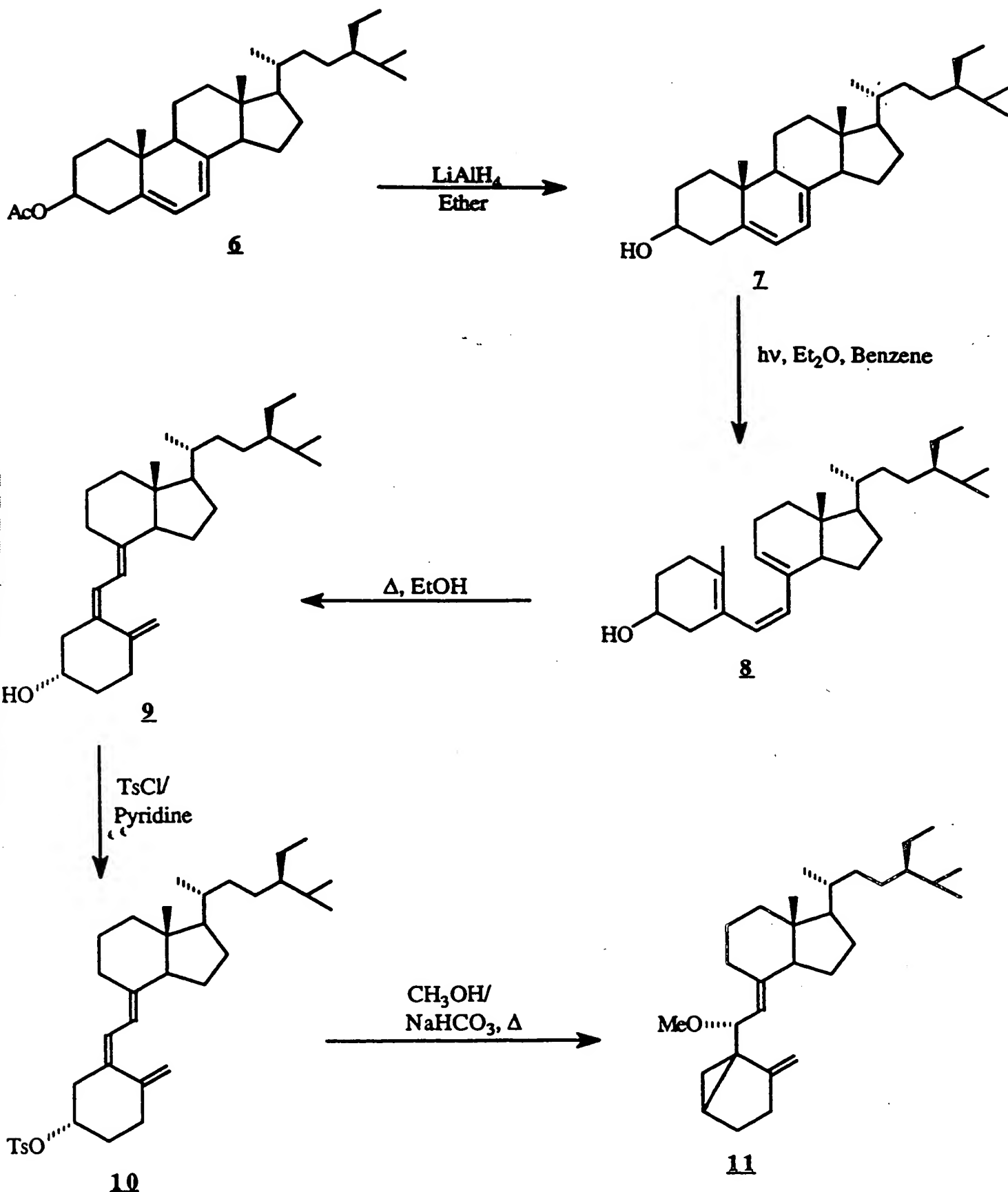


Figure 1 (cont.)

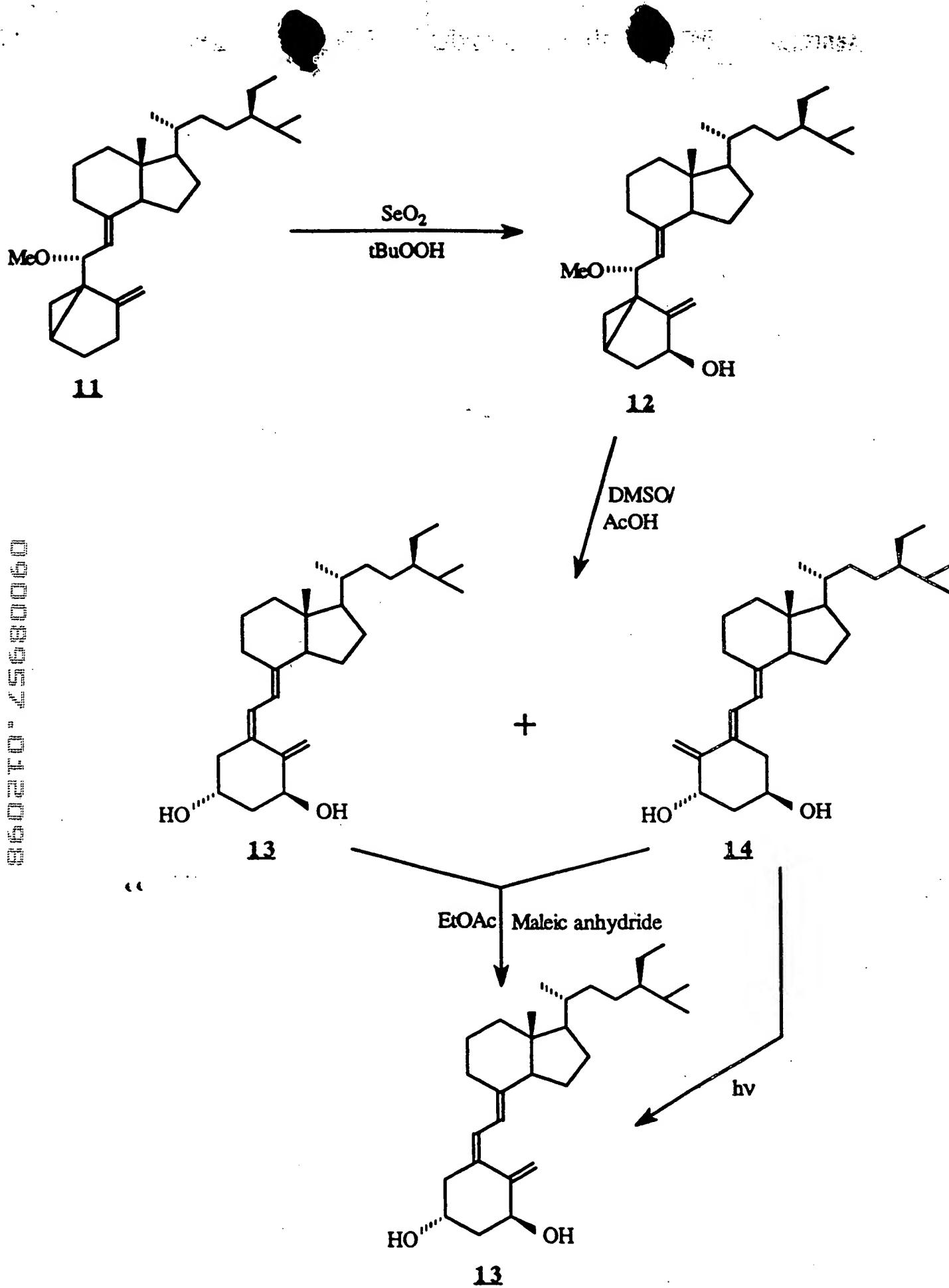
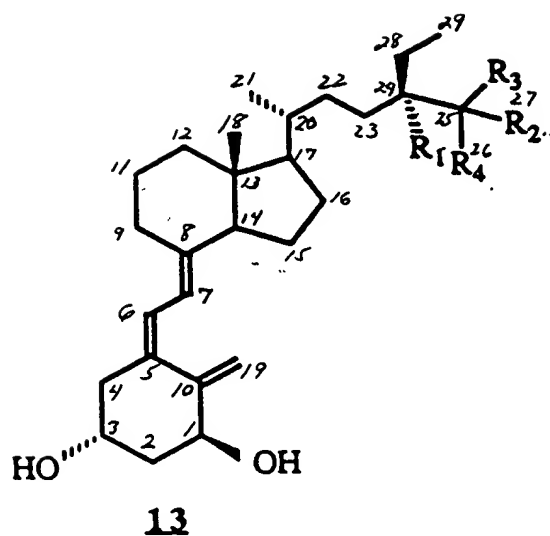


Figure 1 (cont.)

Figure 2



13: R₁=H; R₂=CH₃; R₃=CH₃; R₄=H

13a: R₁=H; R₂=OH; R₃=R₄=CH₃

13b: R₁=OH; R₂=H; R₃=R₄=CH₃

13c: R₁=OH; R₂=OH; R₃=R₄=CH₃

13d: R₁=H; R₂=OH; R₃=R₄=CF₃

13e: R₁=H; R₂=H; R₃=CH₂OH; R₄=CH₃